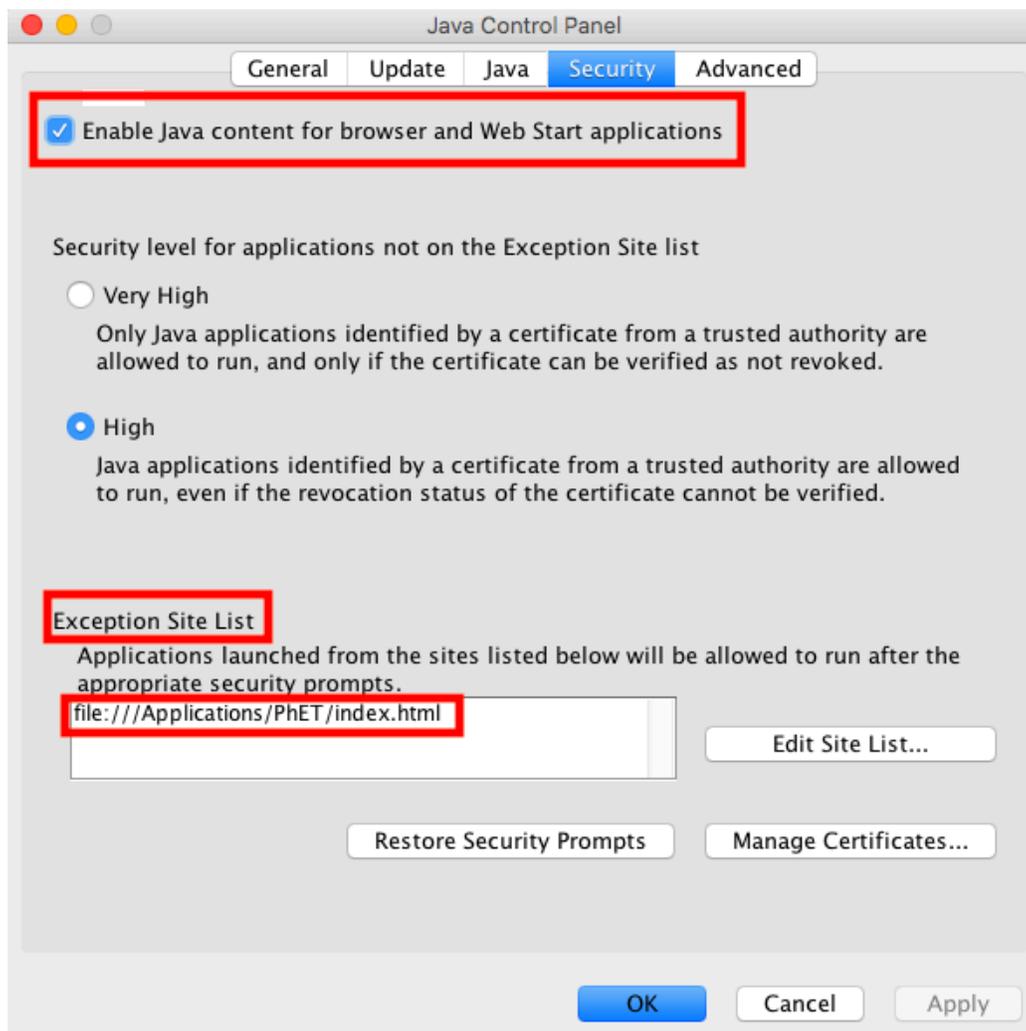


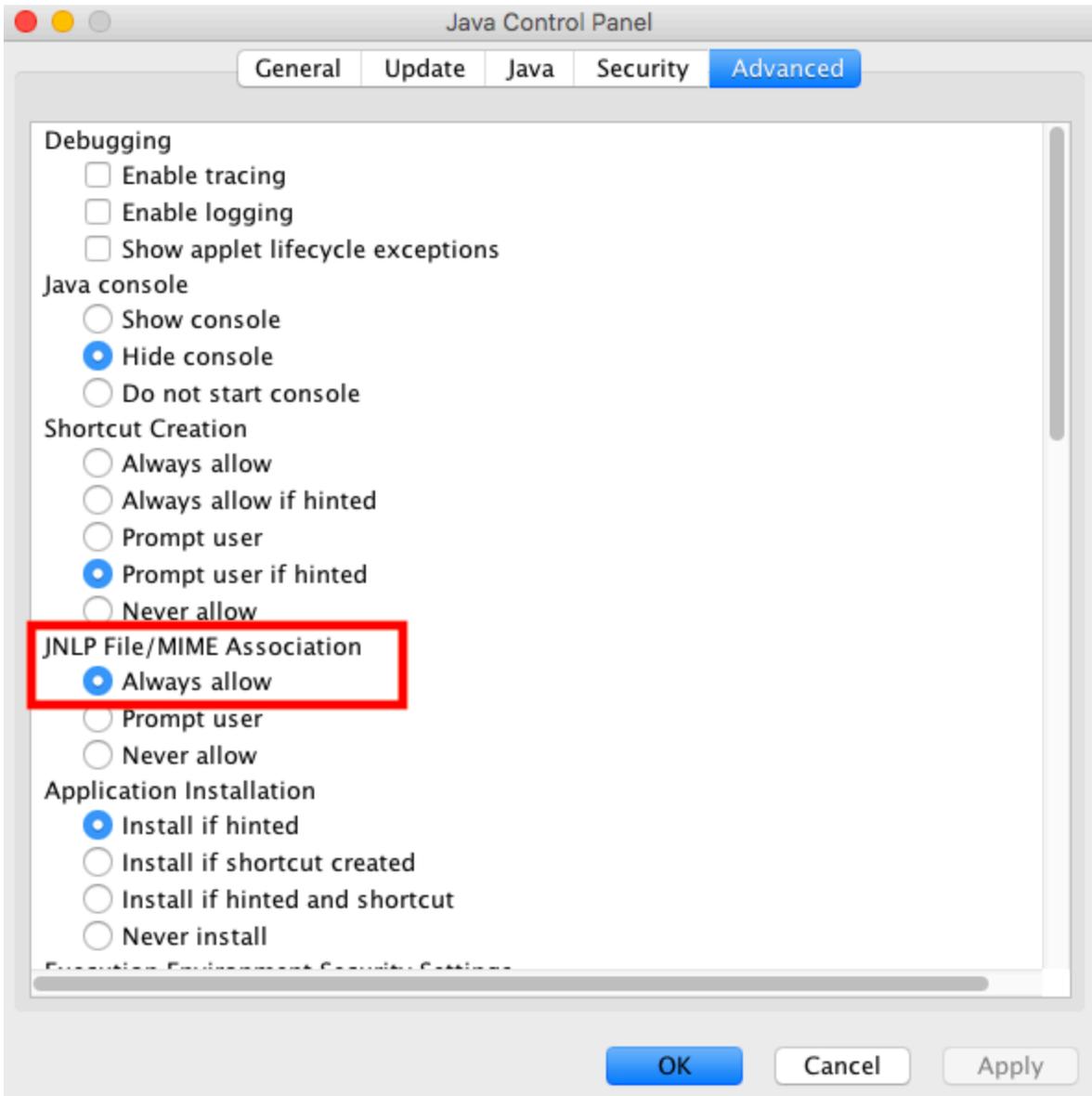
Directions for launching JNLP Files in Firefox on macOS

Java Setup

1. Install the latest version of Java.
2. Open the “Java Control Panel” by navigating System Preferences > Java.
3. In the “Security” tab, make sure
 - a. the “Enable Java content for browser and Web Start applications” checkbox is checked
 - b. you add “file:///Applications/PhET/index.html” to the Exception Site List

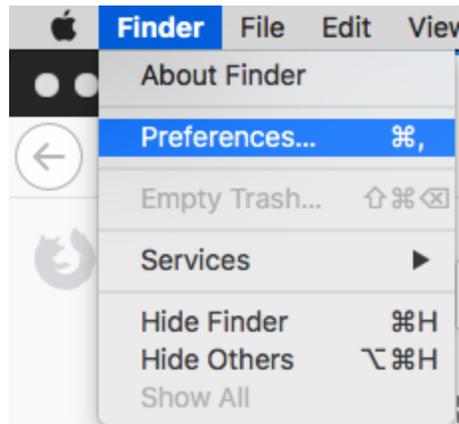


4. In the “Advanced” tab, under “JNLP File/MIME Association”, make sure the “Always allow” radio button is selected.

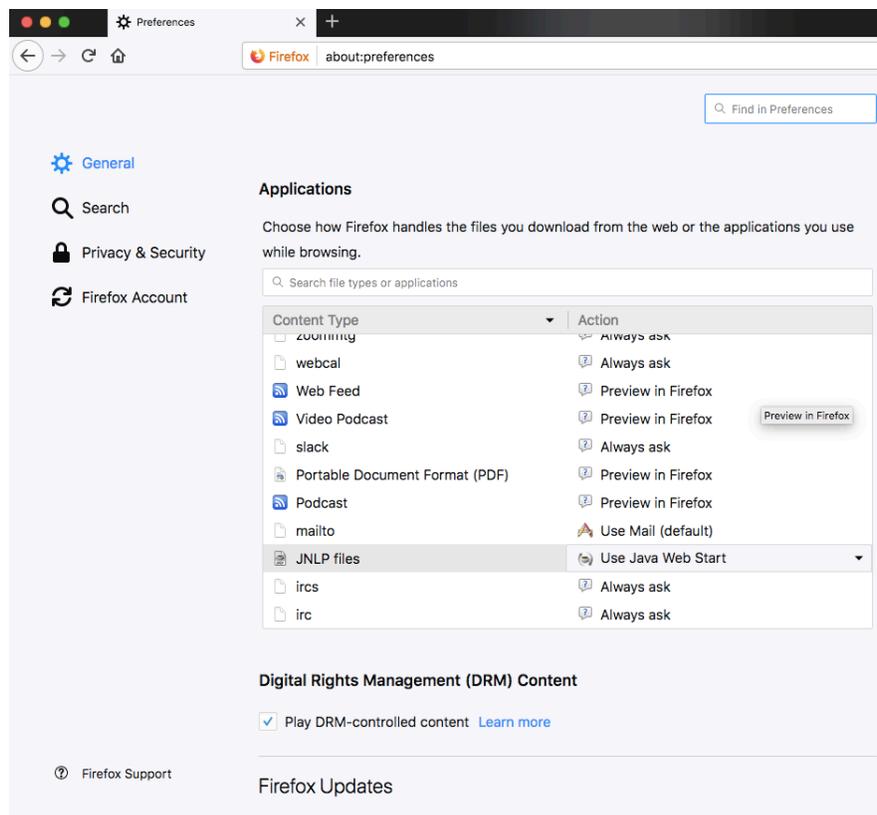


Firefox Setup

1. Install the latest version of Firefox or update Firefox.
2. Open Firefox “Preferences”.



3. In “General”, under “Applications”, click the drop down menu for “JNLP files” and select “Use other”.

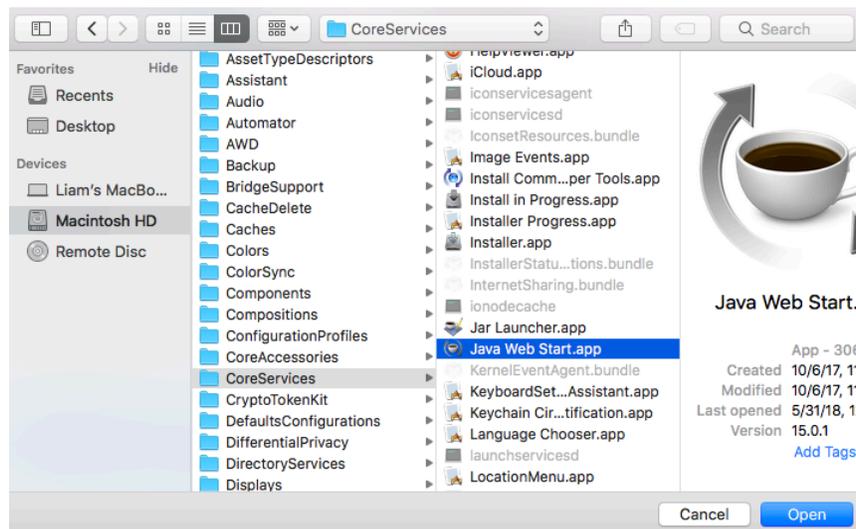
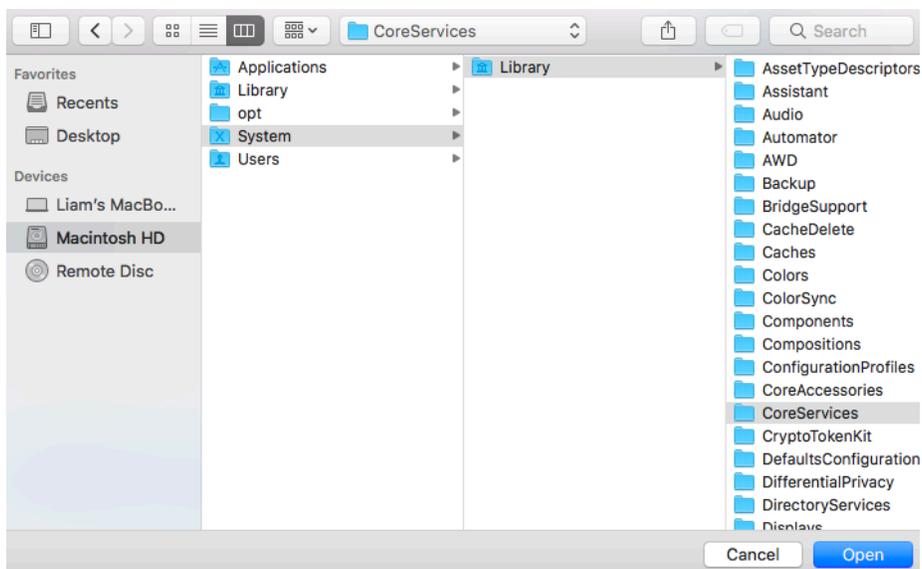
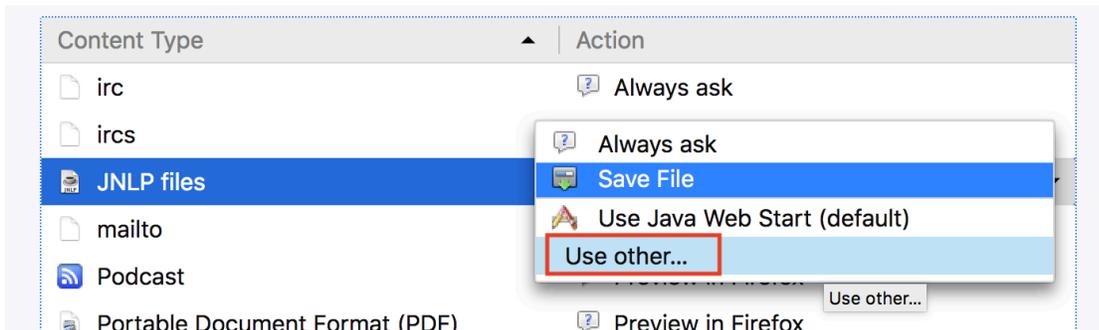


4. If you don't see "JNLP files", then go here <https://phet.colorado.edu/en/simulation/legacy/balloons-and-buoyancy>, click the play button on the picture of the simulation, select the "Save File" radio button, and make sure the "Do this automatically for files like this from now on." checkbox is checked.

The image shows two screenshots from the PhET website. The top screenshot is the main page for the "Balloons & Buoyancy" simulation. It features a navigation menu on the left with categories like "Physics", "Work, Energy & Power", "Heat & Thermo", "Chemistry", and "Earth Science". The simulation image is centered, with a red box highlighting it and the "DOWNLOAD" and "EMBED" buttons below it. To the right of the simulation image, there are social media icons for Facebook, Twitter, and Pinterest, and a "DONATE" button. Below the simulation image, there are links for "ABOUT", "FOR TEACHERS", and "TRANSLATIONS".

The bottom screenshot is a Firefox dialog box titled "Opening balloons-and-buoyancy_en.jnlp". It displays the file name "balloons-and-buoyancy_en.jnlp" and its size "823 bytes". The dialog asks "What should Firefox do with this file?" and provides three options: "Open with Java Web Start (default)", "Save File", and "Do this automatically for files like this from now on." The "Save File" radio button and the "Do this automatically for files like this from now on." checkbox are highlighted with a red box. The dialog also includes "Cancel" and "OK" buttons.

5. In the directory, from the local Hard Drive, navigate System > Library > Core Services > Java Web Start. Click “Open”.



6. Close Firefox "Preferences".
7. Close Firefox.
8. Reopen Firefox "Preferences" and make sure the changes you made are still there.

If you perform the steps in "Java Setup" and "Firefox Setup", then you should be able to successfully launch JNLP files in Firefox.